



NETWORK, HARDWARE, AND SOFTWARE SUPPORT

STATE SCHOOLS DEVELOPMENT AUTHORITY IN THE NORTHEAST

OVERVIEW

The northeastern schools development authority was looking for network, hardware, and software support services to manage the construction and modernization of public schools more efficiently. As part of an ongoing arrangement, our engineers have already completed a range of projects regarding BGP issues, configuration of new core switch with decommissioning the old core switch and data closet reorganization of labeling, cable management and documentation. Currently our engineers are working with this school development authority in Microsoft Azure, VMware, new Cisco Wireless implementation, and network infrastructure specification review for an upcoming new school.

APPROACH

The Stellar engineers offered their expertise on a range of network-related issues, assisting in planning, implementing, troubleshooting, and more. To determine the best solution, the team performed an in-depth analysis of existing VM issues. They offered recommendations and collaborated with the development authority team to create plans for several migration, implementation, and procurement projects.

SOLUTION

After creating a comprehensive plan for this project, the team was able to implement and migrate to a new VM host, as well as implement a new core switch. They migrated the vCenter servers and offered troubleshooting support to the school development team afterwards. They took responsibility for integrating Ubiquiti wireless with Microsoft NPS Radius Server and Active Directory Controller, from configuration, to installation, to verification. The Stellar team has completed many goals in addition to these, such as creating a new DMZ network and access policies and resolving DMZ/RSA issues.

RESULTS

Stellar is on track to complete the school network infrastructure by the designated closure date, while is still tasked with new school design on planning phase of network infrastructure.